

## Application Data Sheet

### Application Information

Application number::

Filing Date::

Application Type::

Regular

Subject Matter::

Utility

Title ::

AN AUDIO SIGNAL  
PROCESSING CIRCUIT AND  
A DISPLAY DEVICE  
INCORPORATING THE  
SAME

Attorney Docket Number::

0756-7278

Total Drawing Sheets::

14

Small Entity?::

No

### Applicant Information

Applicant Authority Type::

Inventor

Primary Citizenship Country::

Japan

Given Name::

Kazuhiko

Middle Name::

Family Name::

MIYATA

Name Suffix::

City of Residence::

Habikino

State or Province of Residence::

Osaka

Country of Residence::

Japan

Street of mailing address::

c/o Sharp Kabushiki Kaisha  
22-22, Nagaike-cho, Abeno-ku

City of mailing address:: Osaka-shi  
State or Province of mailing address:: Osaka  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 545-0013

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Given Name:: Jun  
Middle Name::  
Family Name:: KOYAMA  
Name Suffix::  
City of Residence:: Sagamihara  
State or Province of Residence:: Kanagawa  
Country of Residence:: Japan  
Street of mailing address:: c/o Semiconductor Energy  
Laboratory Co., Ltd.  
398, Hase  
City of mailing address:: Atsugi-shi  
State or Province of mailing address:: Kanagawa-ken  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 243-0036

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Given Name:: Hiroyuki  
Middle Name::  
Family Name:: MIYAKE

Name Suffix::  
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Country of Residence:: Japan  
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Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 243-0036

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Given Name:: Kei  
Middle Name::  
Family Name:: TAKAHASHI  
Name Suffix::  
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Country of Residence:: Japan  
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## Correspondence Information

Correspondence Customer Number :: 31780  
E-Mail address:: erobinson@riplo.com

## Representative Information

Representative Customer Number:: 31780

## Domestic Priority Information

Application ::	Continuity Type::	Parent Application::	Parent Filing Date::

## Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
Japan	2003-108629	04/14/2003	Yes

## Assignee Information

Assignee name:: Semiconductor Energy  
Laboratory Co., Ltd.  
Street of mailing address:: 398 Hase  
City of mailing address:: Atsugi-shi

State or Province of mailing address:: Kanagawa-ken  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 243-0036

Assignee name:: Sharp Kabushiki Kaisha  
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